

Retraction

RE: *A Chimeric Vitronectin: IGF-1 Protein Supports Feeder-Cell-Free and Serum-Free Culture of Human Embryonic Stem Cells*, by Manton KJ, Richards S, Van Lonkhuyzen D, Cormack L, Leavesley D, Upton Z: *Stem Cells Dev*, 19;9:1298-1305.

Concerns were raised by one of the co-authors, Luke Cormack, and after an investigation was conducted by the authors' institution, The Queensland University of Technology, *Stem Cells and Development* is officially retracting the paper, *A Chimeric Vitronectin: IGF-1 Protein Supports Feeder-Cell-Free and Serum-Free Culture of Human Embryonic Stem Cells*, by Manton et al., from volume 19, issue 9 (pages 1298-1305).

The concerns center primarily on whether the images provided in Figure 1 show colonies of the stem cell line described at the passage stated stained for the marker listed. There were also related concerns with the PCR data included.

It is important to note that the corresponding author, KJ Manton, has denied deliberate wrongdoing. *Stem Cells and Development* acknowledges and appreciates the thoroughness of the investigation undertaken by Queensland University of Technology.

Stem Cells and Development believes that had the peer reviewers of the paper been aware of the extent and nature of the mistakes in the paper that apparently went undetected by the authors through an initial submission, two revisions, as well as galley proof, they would not have deemed the paper acceptable.

***Stem Cells and Development* is dedicated to the highest ethical standards of scientific publishing.**

—Graham Parker, Ph.D.
Editor-in-Chief
Stem Cells and Development